Dart Aerospace Ltd. Monday, 7/16/2007 2:44:01 PM Date: Kim Johnston **Process Sheet** : DOOR DOUBLER **Drawing Name** : CU-DAR001 Dart Helicopters Services Customer Job Number : 33550 Estimate Number : 12680 : D3594041 **Part Number** P.O. Number **Drawing Number** D3594 REV A S.O. No. : : 7/16/2007 This Issue : N/A : NC Project Number Prsht Rev. : A : SMALL /MED FAB **Drawing Revision** First Issue : // Type Material : 33522 Previous Run : 7/30/2007 Qty: 16 Um: **Due Date** Written By Checked & Approved By New Issue 07-01-22 EC Comment **Additional Product** Job Number: **Machine Or Operation:** Description: Seq. #: 6061-T6 .080 Sheet M6061T6S080 1.0 Comment: Qty.: Total: 0.9240 sf(s) 0.0578 sf(s)/Unit 6061-T6 .080 Sheet Batch: MIO WATER JET 2.0 Comment: FLOW WATER JET 1-Cut as per Dwg D3594 Dwg Rev:\_ 07-07-26 Prog Rev: 2-Deburr if necessary 3.0 QC2 07-07

Comment: INSPECT PARTS AS THEY COME OFF MACHINE

4.0 QC8

5.0

SECOND CHECK

.

Comment: SECOND CHECK

SMALL & MEDIUM FAB RESOURCE 1

SMALL FAB 1

& WEDIOW FAB RESOURCE 1

Comment: SMALL,& MEDIUM FAB RESOURCE 1

C'SINK AS [PER dwg d3594

mo7/07/30 x16

Each

Monday, 7/16/2007 2:44:01 PM Date: Kim Johnston User: **Process Sheet** Drawing Name: DOOR DOUBLER Customer: CU-DAR001 Dart Helicopters Services Part Number: D3594041 Job Number: 33550 Job Number: Description: Seq. #: Machine Or Operation: INSPECT WORK TO CURRENT STEP 6.0 QC5 Comment: INSPECT WORK TO CURRENT STEP HAND FINISHING RESOURCE #1 7.0 Comment: HAND FINISHING RESOURCE #1 Chemical Conversion Coat as per QSI 005 4.1 INSPECT POWDER COAT/CHEMICAL CONVERSION QC3 8.0 Comment: INSPECT POWDER COAT/CHEMICAL CONVERSION Anchor nuts MS210695 9.0 1.0000 Each(s)/Unit Total: 16.0000 Each(s) Comment: Qty.: Anchor nuts M104214 10.0 MS20426AD44 32.0000 Each(s) Comment: Qty.: 2.0000 Each(s)/Unit Total: Rivet M1021 Batch: SMALL & MEDIUM FAB RESOURCE 1 11.0 SMALL FAB 1 Comment: SMALL & MEDIUM FAB RESOURCE 1 Install Nut Plate as per Dwg D3594 INSPECT WORK TO CURRENT STEP 12.0 QC5 WORK TO CURRENT STEP Comment: INSPECT PACKAGING RESOURCE #1 13.0 PACKAGING Comment: PACKAGING RESOURCE #1 Identify and Stock Location:

Page 2

Form: rorocess

Date:

Monday, 7/16/2007 2:44:01 PM

User:

Kim Johnston

**Process Sheet** 

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: DOOR DOUBLER

Part Number: D3594041

Job Number: 33550

Seq. #:

Job Number:

Machine Or Operation:

Description:

14.0

QC21

FINAL INSPECTION/W/O RELEASE



07,08,02

Comment: FINAL INSPECTION/W/O RELEASE

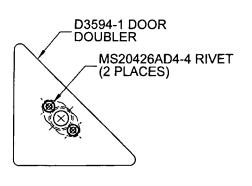
Job Completion

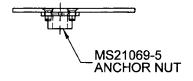




|                | l    |         |        |   |             |              |
|----------------|------|---------|--------|---|-------------|--------------|
| DESIGN DRAWN B |      | ВY<br>3 |        | AEROSPACE LTD<br>SBURY, ONTARIO, CANADA |             |              |
| CHECK          | 1    | APPRO   | VED    | DRAWING NO.                             | SHE         | REV. A       |
| DATE           | 07.0 | 4.13    |        | TITLE<br>DOUBLER                        |             | SCALE<br>1:1 |
| REV            |      | DATE    |        |   | DESCRIPTION |              |
| Α              |      | 07      | .04.13 | NEW ISSUE                               | · ·         |              |

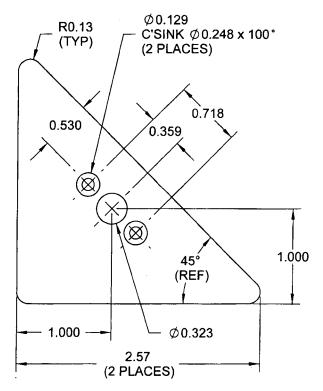






## D3594-041 DOOR DOUBLER ASSEMBLY A SCALE 1:2

| QTY<br>-041 | P/N          | DESCRIPTION DOOR DOUBLER ASSEMBLY |  |  |
|-------------|--------------|-----------------------------------|--|--|
| X           | D3594-041    |                                   |  |  |
| 1           | D3594-1      | DOOR DOUBLER                      |  |  |
| 1           | MS21069-5    | ANCHOR NUT                        |  |  |
| 2           | MS20426AD4-4 | RIVET                             |  |  |



D3594-1 DOOR DOUBLER 1\(\hat{\lambda}\)

SHOP COPY RETURN TO ENGINEERING UNCONTROLLED COPY SUBJECT TO AMENDMENT WITHOUT NOTICE WORK ORDER

1) MATERIAL: 6061-T6 (OR 6061-T62) ALUMINUM SHEET, 0.080 THICK, PER AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027

(REF. DART SPEC. M6061T6S.080)
2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1

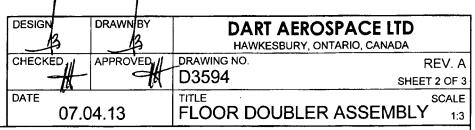
3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

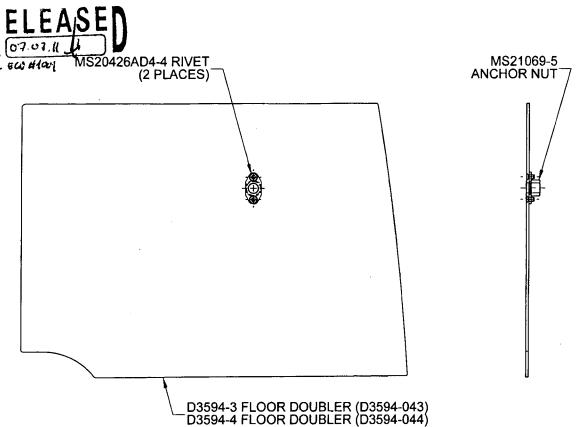
4) IDENTIFY WITH DART P/N "D3594-041" USING FINE POINT PERMANENT INK MARKER

5) ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED 6) BREAK ALL SHARP EDGES 0.005 TO 0.010 MAX

## **COPYRIGHT © 2007 BY DART AEROSPACE LTD**







## D3594-043 FLOOR DOUBLER ASSEMBLY (D3594-044 OPPOSITE)

| QTY<br>-043 | QTY<br>-044 | P/N          | DESCRIPTION             |  |  |
|-------------|-------------|--------------|-------------------------|--|--|
| X           |             | D3594-043    | FLOOR DOUBLER ASS'Y, LH |  |  |
|             | Х           | D3594-044    | FLOOR DOUBLER ASS'Y, RH |  |  |
| 1           |             | D3594-3      | FLOOR DOUBLER, LH       |  |  |
|             | 1           | D3594-4      | FLOOR DOUBLER, RH       |  |  |
| 1           | 1           | MS21069-5    | ANCHOR NUT              |  |  |
| 2           | 2           | MS20426AD4-4 | RIVET                   |  |  |

SHOP COPY

RETURN TO

ENGINEERING

UNCONTROLLED COPY

SUBJECT TO AMENDMENT

WITHOUT NOTICE

WORK ORDER

NOTES:

1) MATERIAL: 6061-T6 (OR 6061-T62) ALUMINUM SHEET, 0.080 THICK, PER AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027

(REF. DART SPEC. M6061T6S.080)

2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1

3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

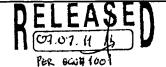
4) IDENTIFY WITH DART P/N "D3594-043/-044" USING FINE POINT PERMANENT INK MARKER

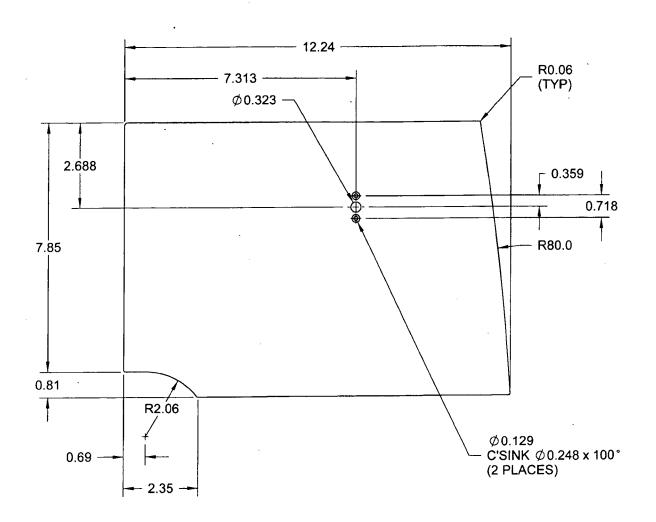
5) ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

6) BREAK ALL SHARP EDGES 0.005 TO 0.010 MAX



|          | I                |       | i     |             |                           |  |  |
|----------|------------------|-------|-------|-------------|---------------------------|--|--|
| DESIGN   |                  | DRAWN | BY    | DART AER    | OSPACE LTD                |  |  |
| 1        | 6                |       |       | HAWKESBURY  | VKESBURY, ONTARIO, CANADA |  |  |
| CHECKE   | D <sub>JII</sub> | APPRO | VED,/ | DRAWING NO. | REV. A                    |  |  |
| •        |                  |       | A     | D3594       | SHEET 3 OF 3              |  |  |
| DATE     | E                |       |       | TITLE       | SCALE                     |  |  |
| 07.04.13 |                  |       |       | DOUBLER     | 1:3                       |  |  |





D3594-3 FLOOR DOUBLER (D3594-4 OPPOSITE)

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE

NO. 33550

| DART AEROSPACE LTD       | Work Order: 33550    |
|--------------------------|----------------------|
| Description: Down Downer | Part Number: 3594-04 |
| Inspection Dwg: Rev:     | Page 1 of 1          |

## FIRST ARTICLE INSPECTION CHECKLIST

X First Article Prototype

| 4         | -<br>-  |  | · · · · · · · · · · · · · · · · · · ·  |                                   | ., .,, ., ., ., ., ., ., ., ., ., ., .,      |
|-----------|---|--|--|-----------------------------------|--|
| Tolerance | Actual<br>Dimension                               | Accept   | Reject   | Method of<br>Inspection           | Comments                                     |
| 4/- ,030  | 2.56  | Уł   |  |                                   |  |
| de .030   | 1.00  | X  |  |                                   |  |
| 4030      | 1.00  | *  |  |                                   |  |
| 4/010     | <u>, \$30                                    </u> | X  |  |                                   |  |
| 4/010     | .359  | X  |  |                                   |  |
| 700       | :71B  | *  |  |                                   |  |
| 100 200-  | <b>\3</b> }3                                      |  |  |                                   |  |
| 4.005001  | 130   | ×  |  |                                   |  |
| ·         |   |  |  |                                   |  |
|           |   |  |  |                                   |  |
|           |   |  |  |                                   |  |
|           |   |  |  | ,                                 |  |
|           |   |  |  |                                   |  |
|           |   |  |  |                                   | 9  |
|           |   |  |  |                                   |  |
|           |   |  |  |                                   |  |
|           |   |  |  |                                   |  |
|           |   |  |  |                                   |  |
|           |   |  |  |                                   |  |
|           |   |  |  |                                   |  |
|           |   |  |  |                                   |  |
|           |   |  |  |                                   |  |
|           |   |  |  |                                   |  |
|           | 4/030<br>4/030<br>4030                            | Tolerance Dimension  4/-,030 3.56  4/-,030 1.00  4/-,030 1.00  4/-,030 1.00  4/-,010 ,530  4/-,010 .389  4/-,010 .718  4-006-,001 .333 | Tolerance Dimension Accept $4/030$ $3.56$ $4$ $4/030$ $1.00$ $4$ $4/030$ $1.00$ $4$ $4/010$ $.330$ $4$ $4/010$ $.349$ $4$ $4/010$ $.349$ $4$ $4/010$ $.349$ $4$ $4/010$ $.349$ $4$ | Tolerance Dimension Accept Reject | Tolerance Dimension Accept Reject Inspection |

| F            |          |             |          |                     |        |
|--------------|----------|-------------|----------|---------------------|--------|
| Measured by: | tB       | Audited by: | En       | Prototype Approval: | 11/2   |
| Date:        | 07-07-26 | Date:       | 07/07/26 | Date:               | 10 (1) |

| Rev | Date | Change    | Revised by | Approved |
|-----|------|-----------|------------|----------|
| _ A |      | New Issue | KJ/JLM     |          |

